

P. Paras X

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4-3-02
P.7.RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/466,035DATE: 03/20/2002
TIME: 16:23:00Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03202002\I466035.raw

SEQUENCE LISTING

- 4 (1) GENERAL INFORMATION:
- 6 (i) APPLICANT: SALLBERG, MATTI
7 MILICH, DAVID R.
8 LEE, WILLIAM T.L.
- 10 (ii) TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
11 INTRACELLULAR DISEASES
- 13 (iii) NUMBER OF SEQUENCES: 86
- 15 (iv) CORRESPONDENCE ADDRESS:
16 (A) ADDRESSEE: Robins & Pasternak LLP
17 (B) STREET: 545 Middlefield Road, Suite 180
18 (C) CITY: Menlo Park
19 (D) STATE: California
20 (E) COUNTRY: U.S.
21 (F) ZIP: 94025
- 23 (v) COMPUTER READABLE FORM:
24 (A) MEDIUM TYPE: Floppy disk
25 (B) COMPUTER: IBM PC compatible
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- 29 (vi) CURRENT APPLICATION DATA:
30 (A) APPLICATION NUMBER: US/09/466,035
C--> 31 (B) FILING DATE: 17-Dec-1999
32 (C) CLASSIFICATION:
- 34 (viii) ATTORNEY/AGENT INFORMATION:
35 (A) NAME: Pasternak, Dahna S.
36 (B) REGISTRATION NUMBER: 41,411
37 (C) REFERENCE/DOCKET NUMBER: 2300-1231.01
- 39 (ix) TELECOMMUNICATION INFORMATION:
40 (A) TELEPHONE: 650-325-7812
41 (B) TELEFAX: 650-325-7823
42 (C) TELEX:
- 45 (2) INFORMATION FOR SEQ ID NO: 1:
47 (i) SEQUENCE CHARACTERISTICS:
48 (A) LENGTH: 35 base pairs
49 (B) TYPE: nucleic acid
50 (C) STRANDEDNESS: single
51 (D) TOPOLOGY: linear
- 56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
58 CTCGAGCTCG AGGCACCAGC ACCATGCAAC TTTTT
- 60 (2) INFORMATION FOR SEQ ID NO: 2:
62 (i) SEQUENCE CHARACTERISTICS:
63 (A) LENGTH: 29 base pairs

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64      (B) TYPE: nucleic acid
65      (C) STRANDEDNESS: single
66      (D) TOPOLOGY: linear
71      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:          29
73 CTAAGATC CCTAGATGCT GGATCTTCC
75 (2) INFORMATION FOR SEQ ID NO: 3:
77      (i) SEQUENCE CHARACTERISTICS:
78          (A) LENGTH: 29 base pairs
79          (B) TYPE: nucleic acid
80          (C) STRANDEDNESS: single
81          (D) TOPOLOGY: linear
86      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:          29
88 GGAAGATCCA GCATCTAGGG ATCTAGTAG
90 (2) INFORMATION FOR SEQ ID NO: 4:
92      (i) SEQUENCE CHARACTERISTICS:
93          (A) LENGTH: 26 base pairs
94          (B) TYPE: nucleic acid
95          (C) STRANDEDNESS: single
96          (D) TOPOLOGY: linear
101     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:          26
103 GGGCGATATC AAGCTTATCG ATACCG
105 (2) INFORMATION FOR SEQ ID NO: 5:
107     (i) SEQUENCE CHARACTERISTICS:
108         (A) LENGTH: 19 base pairs
109         (B) TYPE: nucleic acid
110         (C) STRANDEDNESS: single
111         (D) TOPOLOGY: linear
116     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:          19
118 AATACGACTC ACTATAAGG
120 (2) INFORMATION FOR SEQ ID NO: 6:
122     (i) SEQUENCE CHARACTERISTICS:
123         (A) LENGTH: 17 base pairs
124         (B) TYPE: nucleic acid
125         (C) STRANDEDNESS: single
126         (D) TOPOLOGY: linear
131     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:          17
133 ATTAACCCTC ACTAAAG
135 (2) INFORMATION FOR SEQ ID NO: 7:
137     (i) SEQUENCE CHARACTERISTICS:
138         (A) LENGTH: 19 base pairs
139         (B) TYPE: nucleic acid
140         (C) STRANDEDNESS: single
141         (D) TOPOLOGY: linear
146     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:          19
148 AATACGACTC ACTATAAGG
150 (2) INFORMATION FOR SEQ ID NO: 8:
152     (i) SEQUENCE CHARACTERISTICS:
153         (A) LENGTH: 34 base pairs
154         (B) TYPE: nucleic acid

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155	(C) STRANDEDNESS: single	
156	(D) TOPOLOGY: linear	
161	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:	
163	CCTCGAGCTC GAGCTTGGGT GGCTTTGGGG CATG	34
165	(2) INFORMATION FOR SEQ ID NO: 9:	
167	(i) SEQUENCE CHARACTERISTICS:	
168	(A) LENGTH: 17 base pairs	
169	(B) TYPE: nucleic acid	
170	(C) STRANDEDNESS: single	
171	(D) TOPOLOGY: linear	
176	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:	
178	ATTACCCCTC ACTAAAG	17
180	(2) INFORMATION FOR SEQ ID NO: 10:	
182	(i) SEQUENCE CHARACTERISTICS:	
183	(A) LENGTH: 20 base pairs	
184	(B) TYPE: nucleic acid	
185	(C) STRANDEDNESS: single	
186	(D) TOPOLOGY: linear	
191	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:	
193	GTA G ACCGTG CATCATGAGC	20
195	(2) INFORMATION FOR SEQ ID NO: 11:	
197	(i) SEQUENCE CHARACTERISTICS:	
198	(A) LENGTH: 20 base pairs	
199	(B) TYPE: nucleic acid	
200	(C) STRANDEDNESS: single	
201	(D) TOPOLOGY: linear	
205	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:	
207	ATAGCGGAAC AGAGAGCAGC	20
209	(2) INFORMATION FOR SEQ ID NO: 12:	
211	(i) SEQUENCE CHARACTERISTICS:	
212	(A) LENGTH: 55 base pairs	
213	(B) TYPE: nucleic acid	
214	(C) STRANDEDNESS: single	
215	(D) TOPOLOGY: linear	
219	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:	
221	CTCGAGCTCG AGCCACCATG AGCACAAATC CTAAACCTCA AAGAAAAACC AAACG	55
223	(2) INFORMATION FOR SEQ ID NO: 13:	
225	(i) SEQUENCE CHARACTERISTICS:	
226	(A) LENGTH: 62 base pairs	
227	(B) TYPE: nucleic acid	
228	(C) STRANDEDNESS: single	
229	(D) TOPOLOGY: linear	
234	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:	
236	GCAAGCTTAA GCTTCTATCA AGCGGAAGCT GGGATGGTCA AACAAAGACAG CAAAGCTAAG	60
238	AG	62
240	(2) INFORMATION FOR SEQ ID NO: 14:	
242	(i) SEQUENCE CHARACTERISTICS:	
243	(A) LENGTH: 55 base pairs	
244	(B) TYPE: nucleic acid	

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245 (C) STRANDEDNESS: single
 246 (D) TOPOLOGY: linear
 251 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
 253 AAGCTTAAGC TTCCACCATG AGCACAAATC CTAAACCTCA AAGAAAAACC AAACG 55
 255 (2) INFORMATION FOR SEQ ID NO: 15:
 257 (i) SEQUENCE CHARACTERISTICS:
 258 (A) LENGTH: 62 base pairs
 259 (B) TYPE: nucleic acid
 260 (C) STRANDEDNESS: single
 261 (D) TOPOLOGY: linear
 266 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
 268 GCCTCGAGCT CGAGCTATCA AGAGGAAGCT GGGATGGTCA AACAAAGACAG CAAAGCTAAG 60
 270 AG 62
 272 (2) INFORMATION FOR SEQ ID NO: 16:
 274 (i) SEQUENCE CHARACTERISTICS:
 275 (A) LENGTH: 19 base pairs
 276 (B) TYPE: nucleic acid
 277 (C) STRANDEDNESS: single
 278 (D) TOPOLOGY: linear
 283 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
 285 GTGCATGCAT GTTAGTGCG 19
 287 (2) INFORMATION FOR SEQ ID NO: 17:
 289 (i) SEQUENCE CHARACTERISTICS:
 290 (A) LENGTH: 20 base pairs
 291 (B) TYPE: nucleic acid
 292 (C) STRANDEDNESS: single
 293 (D) TOPOLOGY: linear
 298 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
 300 CGTGGGTAT GCGTTGATGG 20
 302 (2) INFORMATION FOR SEQ ID NO: 18:
 304 (i) SEQUENCE CHARACTERISTICS:
 305 (A) LENGTH: 59 base pairs
 306 (B) TYPE: nucleic acid
 307 (C) STRANDEDNESS: single
 308 (D) TOPOLOGY: linear
 313 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
 315 CCTCGAGCTC GAGCCACCAT GGGGAAGGAG ATACTTCTAG GACCGGCCGA TAGTTTG 59
 317 (2) INFORMATION FOR SEQ ID NO: 19:
 319 (i) SEQUENCE CHARACTERISTICS:
 320 (A) LENGTH: 60 base pairs
 321 (B) TYPE: nucleic acid
 322 (C) STRANDEDNESS: single
 323 (D) TOPOLOGY: linear
 328 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
 330 GCAAGCTTAA GCTTCTATCA GCGTTGGCAT GACAGGAAAG GGAGTCCCGG TAACCGCGGC 60
 333 (2) INFORMATION FOR SEQ ID NO: 20:
 335 (i) SEQUENCE CHARACTERISTICS:
 336 (A) LENGTH: 21 base pairs
 337 (B) TYPE: nucleic acid

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PATENT APPLICATION: US/09/466,035

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Input Set : A:\seqlist.txt
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338	(C) STRANDEDNESS: single	
339	(D) TOPOLOGY: linear	
344	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:	
346	ATAAATAGAA GGCCTGATAT G	21
348	(2) INFORMATION FOR SEQ ID NO: 21:	
350	(i) SEQUENCE CHARACTERISTICS:	
351	(A) LENGTH: 35 base pairs	
352	(B) TYPE: nucleic acid	
353	(C) STRANDEDNESS: single	
354	(D) TOPOLOGY: linear	
359	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:	
361	GCAAGCTTAC AATGTACAGG ATGCAACTCC TGTCT	35
363	(2) INFORMATION FOR SEQ ID NO: 22:	
365	(i) SEQUENCE CHARACTERISTICS:	
366	(A) LENGTH: 35 base pairs	
367	(B) TYPE: nucleic acid	
368	(C) STRANDEDNESS: single	
369	(D) TOPOLOGY: linear	
374	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:	
376	GACTCGAGTT ATCAAGTCAG TGTTGAGATG ATGCT	35
378	(2) INFORMATION FOR SEQ ID NO: 23:	
380	(i) SEQUENCE CHARACTERISTICS:	
381	(A) LENGTH: 35 base pairs	
382	(B) TYPE: nucleic acid	
383	(C) STRANDEDNESS: single	
384	(D) TOPOLOGY: linear	
389	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:	
391	GCCTCGAGAC AATGTACAGG ATGCAACTCC TGTCT	35
393	(2) INFORMATION FOR SEQ ID NO: 24:	
395	(i) SEQUENCE CHARACTERISTICS:	
396	(A) LENGTH: 35 base pairs	
397	(B) TYPE: nucleic acid	
398	(C) STRANDEDNESS: single	
399	(D) TOPOLOGY: linear	
404	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:	
406	GAGGGCCCTT ATCAAGTCAG TGTTGAGATG ATGCT	35
408	(2) INFORMATION FOR SEQ ID NO: 25:	
410	(i) SEQUENCE CHARACTERISTICS:	
411	(A) LENGTH: 53 base pairs	
412	(B) TYPE: nucleic acid	
413	(C) STRANDEDNESS: single	
414	(D) TOPOLOGY: linear	
419	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:	
421	CGAAGCTTAA GCTTGCCATG GGCCACACAC GGAGGCAGGG AACATCACCA TCC	53
423	(2) INFORMATION FOR SEQ ID NO: 26:	
425	(i) SEQUENCE CHARACTERISTICS:	
426	(A) LENGTH: 52 base pairs	
427	(B) TYPE: nucleic acid	
428	(C) STRANDEDNESS: single	

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/466,035

DATE: 03/20/2002
TIME: 16:23:01

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03202002\I466035.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:942 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]